

In The Claims

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An orbital implant device adapted for fitting into a patient's orbit, said orbit having a medial side, a temporal side, a posterior side, an anterior side, a superior side, and an inferior side, all with reference to the implant's position in the patient's orbit, said implant device comprising:
an implant having an anterior portion and a posterior portion, said implant having a medial side, a temporal side, a superior side, and an inferior side, all said sides corresponding to the respective sides of the patient's orbit;
the anterior portion of the implant having a finite number of tunnels adapted for receiving sutures and for receiving bodily fluids and in growing tissue, and a finite number of chimneys adapted for receiving bodily fluids and in growing tissue; and
the implant having a quasi-spherical shape defined by an elongation of the implant toward the medial side of the posterior portion.
2. (Original) The orbital implant of claim 1 wherein the elongation is off center with respect to the anterior portion.
3. (Original) The orbital implant of claim 1 further comprising an astigmatism toward the anterior portion of the implant which is defined by the medial and

temporal sides being more anterior and the superior and inferior sides being more posterior.

4. (Original) The orbital implant of claim 1 further comprising an astigmatism toward the anterior portion of the implant which is defined by a radius which is longer toward the medial and temporal sides of the implant, and which is shorter toward the superior and inferior sides of the implant.
5. (Original) The orbital implant device of claim 3 wherein the implant device is made of a polymer.
6. (Original) The orbital implant device of claim 5 wherein the polymer is acrylic.
7. (Original) The orbital implant device of claim 6 wherein the anterior portion is adapted to be combined with the posterior portion when the two portions are aligned in a proper configuration.
8. (Original) The orbital implant device of claim 7 wherein the anterior portion and posterior portion are combined using ultrasonic welding.
9. (Original) The orbital implant device of claim 3 wherein the implant device is made of an elastomer polymer.
10. (Original) The orbital implant device of claim 9 wherein the elastomer polymer is silicone.
11. (Original) The orbital implant device of claim 10 wherein the anterior portion further comprises at least two tentacles which serve to combine the anterior

portion with the posterior portion, said tentacles having an enlarged portion; and

the posterior portion having holes adapted to receive the tentacles and the enlarged portion of the tentacles.

12. (Original) The orbital implant device of claim 1 wherein the anterior portion further comprises valleys and mounds which are adapted for keying with a prosthetic eye.

13. (Original) The orbital implant device of claim 1 wherein there are at least four tunnels which are adapted for receiving sutures and for receiving bodily fluids and in growing tissue.

14. (Original) The orbital implant device of claim 1 wherein there are at least fourteen chimneys.

15. (Original) The orbital implant device of claim 1 wherein there are not more than sixteen chimneys.

16. (Original) The orbital implant device of claim 1 further comprising a visible marking on the medial side of the implant.

17. (Original) The orbital implant device of claim 1 in which the anterior portion and posterior portion are formed as a single piece.

18. (Original) The orbital implant device of claim 1 in which the anterior portion and posterior portion are formed as two separate pieces.

19. (Original) The orbital implant device of claim 1 wherein the posterior portion further comprises a finite number of chimneys adapted for receiving bodily fluids and in growing tissue.
20. (New) An orbital implant device adapted for fitting into a patient's orbit, said orbit having a medial side, a temporal side, a posterior side, an anterior side, a superior side, and an inferior side, all with reference to the implant's position in the patient's orbit, said implant device comprising:
an implant having an anterior portion and a posterior portion, said implant having a medial side, a temporal side, a superior side, and an inferior side, all said sides corresponding to the respective sides of the patient's orbit; and wherein the anterior portion and the posterior portion are manufactured as two separate parts and then combined together before being placed into the patient's orbit.
21. (New) The orbital implant device of claim 20 wherein the anterior portion has a finite number of chimneys adapted for receiving bodily fluids and in growing tissue.
22. (New) The orbital implant device of claim 21 wherein the anterior portion has a finite number of tunnels adapted for receiving sutures.
23. (New) The orbital implant device of claim 21 wherein the posterior portion has a finite number of chimneys adapted for receiving bodily fluids and in growing tissue.

24. (New) The orbital implant device of claim 23 wherein the anterior portion and the posterior portions are combined so that the chimneys in the anterior portion are in alignment with the chimneys in the posterior portion.
25. (New) The orbital implant device of claim 22 wherein the posterior portion further comprises tunnels adapted for receiving sutures; and wherein the anterior portion and the posterior portions are combined so that the tunnels in the anterior portion are in alignment with the tunnels in the posterior portion.
26. (New) The orbital implant device of claim 20 wherein the implant device is made of acrylic.
27. (New) The orbital implant device of claim 20 wherein the implant device is made of silicone.
28. (New) The orbital implant device of claim 20 wherein the anterior portion and the posterior portion are combined using ultra-sonic welding.
29. (New) The orbital implant device of claim 20 wherein the implant has a quasi-spherical shape defined by an elongation of the implant toward the medial side of the posterior portion.